



Notes:

1. Electrical Specifications:
 - Meets USB 2.0 Specification
 - Contact Resistance: 30 mOhm max.
 - Insulation Resistance: 1000 MOhm min. @ 100 VDC
 - Current Rating: 1.5 A max. at 25°C
 - Working Voltage: 30 V (RMS) max.
 - DWV: 500 VAC/60s at sea Level
 - Operating Temperature: -40°C to +85°C
2. Material and Finish:
 - Metal Coupling Ring: Brass, Nickel Plated
 - Plug Housing: ABS, Nickel Plated, UL94 V-0
 - Interfacial Seal: Silicon, Color: White
 - Cable Fitting: PA (Black), UL94 V-0
 - Cable Fitting Rubber Ring: NBR, Color: Black
 - USB Metal Shell: SPCC, Nickel Plated
 - USB Insulator: PBT UL94 V-0
 - USB Contacts: Copper Alloy,
 - USB Contact Finish: 30 u" Gold min. over Nickel for mating area, Tin over Nickel for solder cup
3. USB Type A Plug accepts AWG28 to AWG24 wires, Cable with outer Diameter of 4.06 mm to 5.21mm
4. Cable Fitting accepts Cable Outer Diameter Range of 4 mm to 8 mm
5. IP67 rated when fully mated with appropriate mating connector
6. RoHS compliant

Directive 2002/95/EC RoHS Compliant

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	Name	Title	Approval Date			Material: See Notes		
				2008	Date	Name	Title: IP67 USB 2.0	
				Draw.	Oct 31	Vincent Ke	Type A Plug (Solder Cup) Assembly Kit	
				Appd.	Oct 31	J. Chaudry	Metal Version	
					Norm		Drawing No.: 17K1A115	
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	a	original					Part No.: 17-200331	
	Rev.	Changes	Date	Name				